

ABSTRACT OF THE DISCLOSURE

An olefin polymerization catalyst is described which includes:

(A) a solid catalyst component being prepared by copulverizing a
5 magnesium compound, an aluminum compound, an electron donor and a
titanium compound, and (B) an organoaluminum compound. The
present invention is also directed to a process for preparing polyolefins
using the aforesaid catalyst system to polymerize olefins.